

In the Claims:

Kindly cancel claims 1-58 and add claims 59-69. Amendments to the claims are reflected in the listing of the claims below.

Listing of the Claims:

1-58. (Canceled)

59. (new)A composition comprising a protein within a biodegradable polymerized macromer, said macromer comprising at least one water soluble region, at least one degradable region which is hydrolyzable under in vivoconditions, and polymerized end groups, wherein said polymerized end groups are separated by at least one degradable region and wherein said composition contains at least 5% by weight of said protein.

60. (new)The composition of claim 59, wherein said water soluble region comprises poly(ethylene glycol).

61. (new)The composition of claim 59, wherein said said degradable region comprises a polyester.

62. (new)The composition of claim 59, wherein said protein is bovine

somatotropin, human growth hormone, granulocyte macrophage colony stimulating factor, insulin-like growth factor-I, insulin-like growth factor-II, an interferon, an antibody, or an immunoglobulin.

63. (new)The composition of claim 62, wherein said antibody is selected from anti-HER, anti-VEGF, and anti-Tac antibodies.

64. (new)The composition of claim 62, wherein said immunoglobulin is selected from immunoglobulin A, immunoglobulin D, immunoglobulin E, immunoglobulin G, and immunoglobulin M.

65. (new)The composition of claim 62, wherein said interferon is selected from interferon alpha and interferon beta.

66. (new)A composition comprising a peptide within a biodegradable polymerized macromer, said macromer comprising at least one water soluble region, at least one degradable region which is hydrolyzable under in vivoconditions, and polymerized end groups, wherein said polymerized end groups are separated by at least one degradable region and wherein said composition contains at least 5% by weight of said peptide.

67. (new)The composition of claim 66, wherein said water soluble region comprises poly(ethylene glycol).

68. (new)The composition of claim 66, wherein said degradable region comprises a polyester.

69. (new)The composition of claim 66, wherein said peptide is LHRH, glucagon like peptide-1, insulin, calcitonin, somatostatin, or GLP-1 amylin.